

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 7, 2005, 07:04:37 ; Search time 26.9735 Seconds
(without alignments)
702.945 Million cell updates/sec

Title: US-09-939-537-33
Perfect score: 1365
Sequence: 1 RPKSCDKHTPCPCAPRL.....DETCAADGELDGLWTTP 254

Scoring table:
BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
4: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
5: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	1385	100.0	254 2	US-08-284-391B-33 Sequence 33, Appl
2	1385	100.0	254 4	US-09-218-950-33 Sequence 33, Appl
3	1385	100.0	254 4	US-08-394-388A-33 Sequence 33, Appl
4	1258	90.8	232 2	US-08-595-043A-50 Sequence 50, Appl
5	1258	90.8	232 4	US-09-968-362A-26 Sequence 26, Appl
6	1258	90.8	331 3	US-09-178-869-2 Sequence 2, Appl
7	1258	90.8	331 4	US-09-761-413-2 Sequence 2, Appl
8	1258	90.8	360 3	US-09-180-100-11 Sequence 11, Appl
9	1258	90.8	371 1	US-08-236-311-7 Sequence 7, Appl
10	1258	90.8	371 3	US-08-457-918-7 Sequence 7, Appl
11	1258	90.8	371 4	US-10-157-408-7 Sequence 7, Appl
12	1258	90.8	376 3	US-09-180-100-22 Sequence 22, Appl
13	1258	90.8	396 2	US-08-784-512-3 Sequence 3, Appl
14	1258	90.8	396 3	US-09-176-228-3 Sequence 3, Appl
15	1258	90.8	424 5	PCT-US95-03866-12 Sequence 12, Appl
16	1258	90.8	424 5	PCT-US95-03866-14 Sequence 14, Appl
17	1258	90.8	437 5	PCT-US96-10043-11 Sequence 11, Appl
18	1258	90.8	442 4	US-08-472-888A-7 Sequence 7, Appl
19	1258	90.8	442 5	PCT-US96-10043-9 Sequence 9, Appl
20	1258	90.8	446 3	US-08-397-411-7 Sequence 7, Appl
21	1258	90.8	449 1	US-08-458-516-13 Sequence 13, Appl
22	1258	90.8	452 4	US-09-773-877B-16 Sequence 16, Appl
23	1258	90.8	459 1	US-08-157-101A-7 Sequence 7, Appl
24	1258	90.8	462 4	US-09-773-877B-18 Sequence 18, Appl
25	1258	90.8	467 4	US-08-030-175-41 Sequence 41, Appl
26	1258	90.8	467 4	US-08-030-175-42 Sequence 42, Appl
27	1258	90.8	475 4	US-09-740-002-27 Sequence 27, Appl

28	1258	90.8	476 2	US-08-378-939-10 Sequence 10, Appl
29	1258	90.8	476 3	US-08-487-550-4 Sequence 4, Appl
30	1258	90.8	476 3	US-08-487-550-12 Sequence 12, Appl
31	1258	90.8	476 4	US-09-526-098-4 Sequence 4, Appl
32	1258	90.8	476 4	US-09-526-098-12 Sequence 12, Appl
33	1258	90.8	476 4	US-09-383-916-4 Sequence 4, Appl
34	1258	90.8	476 4	US-09-383-916-12 Sequence 12, Appl
35	1258	90.8	478 4	US-08-487-550-8 Sequence 8, Appl
36	1258	90.8	478 4	US-09-526-098-8 Sequence 8, Appl
37	1258	90.8	478 4	US-09-383-916-8 Sequence 8, Appl
38	1258	90.8	497 4	US-09-499-846-6 Sequence 6, Appl
39	1258	90.8	525 4	US-09-499-846-4 Sequence 4, Appl
40	1258	90.8	547 4	US-09-746-359A-54 Sequence 54, Appl
41	1258	90.8	557 4	US-09-773-877B-14 Sequence 14, Appl
42	1258	90.8	567 4	US-09-825-561A-16 Sequence 16, Appl
43	1258	90.8	567 4	US-09-773-877B-12 Sequence 12, Appl
44	1258	90.8	567 4	US-09-773-877B-20 Sequence 20, Appl
45	1258	90.8	571 4	US-09-746-359A-53 Sequence 53, Appl

ALIGNMENTS

RESULT 1
US-08-284-391B-33
Sequence 33, Application US/08284391B
Patent No. 5651828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapur, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Clark & Ebling LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
ATTORNEY/AGENT INFORMATION:
NAME: Ebling, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 254 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-284-391B-33

Query Match 100.0%; Score 1385; DB 2; Length 254;
Best Local Similarity 100.0%; Pred. No. 3.3e-131;
Matches 254; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPRSCDKTHTCPPCAPABELLGSPVFLFPPKPKDTLMTSRTEVTCVVVDVSHEDPEVKF 60
DB 1 EPRSCDKTHTCPPCAPABELLGSPVFLFPPKPKDTLMTSRTEVTCVVVDVSHEDPEVKF 60
QY 61 NMYVDGVEVHNAKTKRREQDYNSTRYVSVLTFLHODMNGEKYCKVKSNKALPAPIEKT 120
DB 61 NMYVDGVEVHNAKTKRREQDYNSTRYVSVLTFLHODMNGEKYCKVKSNKALPAPIEKT 120
QY 121 ISKAKQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTTP 180
DB 121 ISKAKQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTTP 180
QY 181 PVLDSGSPFLYSKLTVDKSRWQQGNVSCSVMHIALHNNHTQKSLSPGLQDLETCAE 240
DB 181 PVLDSGSPFLYSKLTVDKSRWQQGNVSCSVMHIALHNNHTQKSLSPGLQDLETCAE 240
QY 241 AODGELDGLMTTDP 254
DB 241 AODGELDGLMTTDP 254

RESULT 2

US-09-218-950-33

Sequence 33, Application US/09218950
Patent No. 6284240

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/218,950
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX:

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 254 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-09-218-950-33

Query Match 100.0%; Score 1385; DB 3; Length 254;
Best Local Similarity 100.0%; Pred. No. 3.3e-131;
Matches 254; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPRSCDKTHTCPPCAPABELLGSPVFLFPPKPKDTLMTSRTEVTCVVVDVSHEDPEVKF 60
DB 1 EPRSCDKTHTCPPCAPABELLGSPVFLFPPKPKDTLMTSRTEVTCVVVDVSHEDPEVKF 60
QY 61 NMYVDGVEVHNAKTKRREQDYNSTRYVSVLTFLHODMNGEKYCKVKSNKALPAPIEKT 120
DB 61 NMYVDGVEVHNAKTKRREQDYNSTRYVSVLTFLHODMNGEKYCKVKSNKALPAPIEKT 120
QY 121 ISKAKQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTTP 180
DB 121 ISKAKQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTTP 180
QY 181 PVLDSGSPFLYSKLTVDKSRWQQGNVSCSVMHIALHNNHTQKSLSPGLQDLETCAE 240
DB 181 PVLDSGSPFLYSKLTVDKSRWQQGNVSCSVMHIALHNNHTQKSLSPGLQDLETCAE 240
QY 241 AODGELDGLMTTDP 254
DB 241 AODGELDGLMTTDP 254

RESULT 3

US-08-394-388A-33

Sequence 33, Application US/08394388A
Patent No. 6753162

GENERAL INFORMATION:

APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/394,388A
FILING DATE: 24-FEB-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L

REGISTRATION NUMBER: 35,238

LENGTH: 232 amino acids

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RESULT 6
US-09-178-869--2
; Sequence 2, Application US/09178869B
; Patent No. 6197294
; GENERAL INFORMATION:

```

```

; APPLICANT: Tao, Weng
; APPLICANT: Wong, Shou
; APPLICANT: Hickey, William F.
; APPLICANT: Hamman, Joseph P.
; APPLICANT: Baetge, E. Edward
; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
; FILE REFERENCE: 17810-043
; CURRENT APPLICATION NUMBER: US/09/178,869B
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 331
; TYPE: PRN
; ORGANISM: Homo sapiens
US-09-178-869-2

Query Match          90.8%; Score 1258; DB 3; Length 331;
Best Local Similarity 100.0%; Pred. No. 3e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTPCPCPAPBELLGSPVFLFPKPKDITLMSRTPEVTCVVVDVSHEDPEVKF 60
DB 100 EPKSCDKHTPCPCPAPBELLGSPVFLFPKPKDITLMSRTPEVTCVVVDVSHEDPEVKF 159
QY 61 NMVVDGVEVHNAKTKRREQYSTYRVSVLTVLHODMNLGKSKVSKNKLPAPIEKT 120
DB 160 NMVVDGVEVHNAKTKRREQYSTYRVSVLTVLHODMNLGKSKVSKNKLPAPIEKT 219
QY 121 ISKAGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGOPENNYKTTP 180
DB 220 ISKAGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGOPENNYKTTP 279
QY 181 PVLDSGSPFLYSKLTVDKSRWQGNVFCSVMEHALLNHHYTKSLISLSPG 231
DB 280 PVLDSGSPFLYSKLTVDKSRWQGNVFCSVMEHALLNHHYTKSLISLSPG 330

RESULT 7
US-09-761-413-2
; Sequence 2, Application US/09761413
; Patent No. 6506891
; GENERAL INFORMATION:
; APPLICANT: Tao, Weng
; APPLICANT: Wong, Shou
; APPLICANT: Hickey, William F.
; APPLICANT: Hamman, Joseph P.
; APPLICANT: Baetge, E. Edward
; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION
; FILE REFERENCE: 17810-043
; CURRENT APPLICATION NUMBER: US/09/761,413
; CURRENT FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US/09/178,869
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 331
; TYPE: PRN
; ORGANISM: Homo sapiens
US-09-761-413-2

Query Match          90.8%; Score 1258; DB 4; Length 331;
Best Local Similarity 100.0%; Pred. No. 3e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTPCPCPAPBELLGSPVFLFPKPKDITLMSRTPEVTCVVVDVSHEDPEVKF 60
DB 100 EPKSCDKHTPCPCPAPBELLGSPVFLFPKPKDITLMSRTPEVTCVVVDVSHEDPEVKF 159
QY 61 NMVVDGVEVHNAKTKRREQYSTYRVSVLTVLHODMNLGKSKVSKNKLPAPIEKT 120
DB 160 NMVVDGVEVHNAKTKRREQYSTYRVSVLTVLHODMNLGKSKVSKNKLPAPIEKT 219
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QY 121 ISKAGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGOPENNYKTTP 180
DB 220 ISKAGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGOPENNYKTTP 279
QY 181 PVLDSGSPFLYSKLTVDKSRWQGNVFCSVMEHALLNHHYTKSLISLSPG 231
DB 280 PVLDSGSPFLYSKLTVDKSRWQGNVFCSVMEHALLNHHYTKSLISLSPG 330

RESULT 8
US-09-180-100-11
; Sequence 11, Application US/09180100
; Patent No. 6306395
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, No. 630639510
; APPLICANT: NAGATA, Shigekazu
; TITLE OF INVENTION: NOVEL Fae ANTIGEN DERIVATIVE
; FILE REFERENCE: 1110-207P
; CURRENT APPLICATION NUMBER: US/09/180,100
; CURRENT FILING DATE: 1998-11-02
; EARLIER APPLICATION NUMBER: PCT/JP97/01502
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 360
; TYPE: PRN
; ORGANISM: Homo sapiens
US-09-180-100-11

Query Match          90.8%; Score 1258; DB 3; Length 360;
Best Local Similarity 100.0%; Pred. No. 3.4e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTPCPCPAPBELLGSPVFLFPKPKDITLMSRTPEVTCVVVDVSHEDPEVKF 60
DB 129 EPKSCDKHTPCPCPAPBELLGSPVFLFPKPKDITLMSRTPEVTCVVVDVSHEDPEVKF 188
QY 61 NMVVDGVEVHNAKTKRREQYSTYRVSVLTVLHODMNLGKSKVSKNKLPAPIEKT 120
DB 189 NMVVDGVEVHNAKTKRREQYSTYRVSVLTVLHODMNLGKSKVSKNKLPAPIEKT 248
QY 121 ISKAGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGOPENNYKTTP 180
DB 249 ISKAGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGOPENNYKTTP 308
QY 181 PVLDSGSPFLYSKLTVDKSRWQGNVFCSVMEHALLNHHYTKSLISLSPG 231
DB 309 PVLDSGSPFLYSKLTVDKSRWQGNVFCSVMEHALLNHHYTKSLISLSPG 359

RESULT 9
US-08-236-311-7
; Sequence 7, Application US/08236311
; Patent No. 5565335
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
; APPLICANT: Gregory, Timothy J.
; TITLE OF INVENTION: Adheson Variants
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/236,311
FILING DATE: 02-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936190
FILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/842777
FILING DATE: 18-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/250765
FILING DATE: 28-SEP-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/104329
FILING DATE: 02-OCT-1987
ATTORNEY/AGENT INFORMATION:
NAME: Hasak, Janet E.
REGISTRATION NUMBER: 28,616
REFERENCE/DOCKET NUMBER: 444P1C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1896
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 371 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-236-311-7

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Query Match          90.8%; Score 1258; DB 1; Length 371;
Best Local Similarity 100.0%; Pred. No. 3.5e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTCPCPAPPELLGSPVFLPPKPKDPTLMISTPRTVCVVVDVSHEDDEVK 60
DB 140 EPKSCDKHTCPCPAPPELLGSPVFLPPKPKDPTLMISTPRTVCVVVDVSHEDDEVK 199
QY 61 NMYVDGEVHNAKTKREEQNSTYRVSVLTVLDHQMILGKEYKCKVSNKALPAPIEKT 120
DB 200 NMYVDGEVHNAKTKREEQNSTYRVSVLTVLDHQMILGKEYKCKVSNKALPAPIEKT 259
QY 121 ISKAKQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQGPPNNYK 180
DB 260 ISKAKQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQGPPNNYK 319
QY 181 PVLDSDGSFFLYSKLTVDKSRWQGNVFCSVMEHALLHNYTKSLSPG 231
DB 320 PVLDSDGSFFLYSKLTVDKSRWQGNVFCSVMEHALLHNYTKSLSPG 370

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RESULT 10
US-08-457-918-7
Sequence 7, Application US/08457918
Patent No. 6117655
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
APPLICANT: Gregory, Timothy J.
TITLE OF INVENTION: Adhesion Variants
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)

```

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,918
FILING DATE: 1-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/236311
FILING DATE: 02-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936190
FILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/842777
FILING DATE: 18-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/250765
FILING DATE: 28-SEP-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/104329
FILING DATE: 02-OCT-1987
ATTORNEY/AGENT INFORMATION:
NAME: Kadinac, Jeffrey S.
REGISTRATION NUMBER: 36,575
REFERENCE/DOCKET NUMBER: P0444P1C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8228
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 371 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-457-918-7

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Query Match          90.8%; Score 1258; DB 3; Length 371;
Best Local Similarity 100.0%; Pred. No. 3.5e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDKHTCPCPAPPELLGSPVFLPPKPKDPTLMISTPRTVCVVVDVSHEDDEVK 60
DB 140 EPKSCDKHTCPCPAPPELLGSPVFLPPKPKDPTLMISTPRTVCVVVDVSHEDDEVK 199
QY 61 NMYVDGEVHNAKTKREEQNSTYRVSVLTVLDHQMILGKEYKCKVSNKALPAPIEKT 120
DB 200 NMYVDGEVHNAKTKREEQNSTYRVSVLTVLDHQMILGKEYKCKVSNKALPAPIEKT 259
QY 121 ISKAKQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQGPPNNYK 180
DB 260 ISKAKQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQGPPNNYK 319
QY 181 PVLDSDGSFFLYSKLTVDKSRWQGNVFCSVMEHALLHNYTKSLSPG 231
DB 320 PVLDSDGSFFLYSKLTVDKSRWQGNVFCSVMEHALLHNYTKSLSPG 370

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RESULT 11
US-10-157-408-7
Sequence 7, Application US/10157408
Patent No. 6710169
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
APPLICANT: Gregory, Timothy J.
TITLE OF INVENTION: Adhesion Variants
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/157,408
FILING DATE: 28-May-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/457,918
FILING DATE: 1-JUN-1995
APPLICATION NUMBER: 08/236311
FILING DATE: 02-MAY-1994
APPLICATION NUMBER: 07/936190
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: 07/842777
FILING DATE: 18-FEB-1992
APPLICATION NUMBER: 07/250785
FILING DATE: 28-SEP-1988
APPLICATION NUMBER: 07/104329
FILING DATE: 02-OCT-1987
ATTORNEY/AGENT INFORMATION:
NAME: Kubinec, Jeffrey S.
REGISTRATION NUMBER: 36,575
REFERENCE/DOCKET NUMBER: P0444P1C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8228
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 371 amino acids
TYPE: amino acid
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-157-408-7

Query Match 90.8%; Score 1258; DB 4; Length 371;
Best Local Similarity 100.0%; Pred. No. 3.5e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCKHTTCPCPAPELLGSPVFLFPKPKDITMISRTPEVTCVVVDVSHEDPEVVF 60
DB 140 EPKSCKHTTCPCPAPELLGSPVFLFPKPKDITMISRTPEVTCVVVDVSHEDPEVVF 199
QY 61 NMYVDGEVHNAKTKRREQYSTYRVSVLTVLHODMNLNGEKYCKVSNKALPAPIEKT 120
DB 200 NMYVDGEVHNAKTKRREQYSTYRVSVLTVLHODMNLNGEKYCKVSNKALPAPIEKT 259
QY 121 ISKAKQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYSDIAVEMESNGQPENNYKTTTP 180
DB 260 ISKAKQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYSDIAVEMESNGQPENNYKTTTP 319
QY 181 PVLDSGSEFLYSKLTVDKSRWQGNVFCSVMEHALNHHYTKSLSPG 231
DB 320 PVLDSGSEFLYSKLTVDKSRWQGNVFCSVMEHALNHHYTKSLSPG 370

RESULT 12
US-09-180-100-22
Sequence 22, Application US/09180100
Patent No. 6306395
GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. 6306395510
TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/180,100
CURRENT FILING DATE: 1998-11-02
EARLIER APPLICATION NUMBER: PCT/JP97/01502
EARLIER FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 22

LENGTH: 376
TYPE: PRT
ORGANISM: Homo sapiens
US-09-180-100-22

Query Match 90.8%; Score 1258; DB 3; Length 376;
Best Local Similarity 100.0%; Pred. No. 3.6e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCKHTTCPCPAPELLGSPVFLFPKPKDITMISRTPEVTCVVVDVSHEDPEVVF 60
DB 145 EPKSCKHTTCPCPAPELLGSPVFLFPKPKDITMISRTPEVTCVVVDVSHEDPEVVF 204
QY 61 NMYVDGEVHNAKTKRREQYSTYRVSVLTVLHODMNLNGEKYCKVSNKALPAPIEKT 120
DB 205 NMYVDGEVHNAKTKRREQYSTYRVSVLTVLHODMNLNGEKYCKVSNKALPAPIEKT 264
QY 121 ISKAKQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYSDIAVEMESNGQPENNYKTTTP 180
DB 265 ISKAKQPREPOVYTLPPSRDELTKNOVSLTCLVKGFPYSDIAVEMESNGQPENNYKTTTP 324
QY 181 PVLDSGSEFLYSKLTVDKSRWQGNVFCSVMEHALNHHYTKSLSPG 231
DB 325 PVLDSGSEFLYSKLTVDKSRWQGNVFCSVMEHALNHHYTKSLSPG 375

RESULT 13
US-08-784-512-3
Sequence 3, Application US/08784512
Patent No. 5872209
GENERAL INFORMATION:
APPLICANT: BARTNIK, Eckart
APPLICANT: BIDENMUELLER, Bernd
APPLICANT: BUETTNER, Frank
APPLICANT: CATERSON, Bruce
APPLICANT: HUGHES, Clare
TITLE OF INVENTION: An artificial recombinant substrate (rAgg 1)
TITLE OF INVENTION: and native aggrecan to study the proteolytic activity of
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: Suite 500, 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/784,512
FILING DATE: 17-JAN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96100682.2
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: GRANADOS, Patricia D.
REGISTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 18748/311
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 396 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:

NAME/KEY: Protein
LOCATION: 1.396
US-08-784-512-3

Query Match 90.8%; Score 1258; DB 2; Length 396;
Best Local Similarity 100.0%; Pred. No. 3.9e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDTHCPCPAPBELLGSPSVLPFPKPKDTLMISTPEVTCVVDVSHEDPEVKF 60
DB 165 EPKSCDTHCPCPAPBELLGSPSVLPFPKPKDTLMISTPEVTCVVDVSHEDPEVKF 224
QY 61 NMTVDGVEVNAATKREBOYNSTYRVSVLTVLHODMLNGKEYCKVSKALPAPIEKT 120
DB 225 NMTVDGVEVNAATKREBOYNSTYRVSVLTVLHODMLNGKEYCKVSKALPAPIEKT 284
QY 121 ISKAKQPREPQYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQPENNYKTTTP 180
DB 285 ISKAKQPREPQYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQPENNYKTTTP 344
QY 181 PVLDSDGSPFLYSKLTVDKSRMOQGNVFCSCVMHEALHNHYTOKSLSLSPG 231
DB 345 PVLDSDGSPFLYSKLTVDKSRMOQGNVFCSCVMHEALHNHYTOKSLSLSPG 395

RESULT 14

US-09-176-228-3
Sequence 3, Application US/09176228
Patent No. 6180334

GENERAL INFORMATION:
APPLICANT: BARTNIK, Eckart
APPLICANT: EIDENMUELLER, Bernd
APPLICANT: BUETTNER, Frank
APPLICANT: CATERSON, Bruce
APPLICANT: HUGHES, Clare
TITLE OF INVENTION: An artificial recombinant substrate (PAGG 1)
TITLE OF INVENTION: and native aggregate to study the proteolytic activity of
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: Suite 500, 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09176,228
FILING DATE:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/784,512
FILING DATE: 17-JAN-1997
APPLICATION NUMBER: EP 96100682.2
FILING DATE: 18-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: GRANADOS, Patricia D.
REGISTRATION NUMBER: 33,683
REFERENCE/DOCKET NUMBER: 18748/311
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 396 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

NAME/KEY: Protein
LOCATION: 1.396
US-09-176-228-3

Query Match 90.8%; Score 1258; DB 3; Length 396;
Best Local Similarity 100.0%; Pred. No. 4.3e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EPKSCDTHCPCPAPBELLGSPSVLPFPKPKDTLMISTPEVTCVVDVSHEDPEVKF 60
DB 165 EPKSCDTHCPCPAPBELLGSPSVLPFPKPKDTLMISTPEVTCVVDVSHEDPEVKF 224
QY 61 NMTVDGVEVNAATKREBOYNSTYRVSVLTVLHODMLNGKEYCKVSKALPAPIEKT 120
DB 225 NMTVDGVEVNAATKREBOYNSTYRVSVLTVLHODMLNGKEYCKVSKALPAPIEKT 284
QY 121 ISKAKQPREPQYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQPENNYKTTTP 180
DB 285 ISKAKQPREPQYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNQPENNYKTTTP 344
QY 181 PVLDSDGSPFLYSKLTVDKSRMOQGNVFCSCVMHEALHNHYTOKSLSLSPG 231
DB 345 PVLDSDGSPFLYSKLTVDKSRMOQGNVFCSCVMHEALHNHYTOKSLSLSPG 395

RESULT 15

PCT-US95-03866-12
Sequence 12, Application PC/TUS9503866
GENERAL INFORMATION:

APPLICANT: Cycomed, Inc. (all states except US)
APPLICANT: Nocke, Karl (US only)
APPLICANT: Lobell, Robert B (US only)
TITLE OF INVENTION: STABILIZED DIMER OF KIT LIGAND AND
TITLE OF INVENTION: FLT-3/FLK-2 LIGAND
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10020

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03866
FILING DATE:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/220,379
FILING DATE: 28-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Haley Jr, James F
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: Cycomed/2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-596-9000
TELEFAX: 212-596-9090
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 424 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 424 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-03866-12
Query Match 90.8%; Score 1258; DB 5; Length 424;
Best Local Similarity 100.0%; Pred. No. 4.3e-118;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

